is induced [can induce and express the enzyme capable of synthesizing the purine nucleotide] by the change of a condition selected from the group consisting of rise in temperature, rise in pH, [and] rise in osmotic pressure, [or by the] and change of [the] carbon source from sugars to non-sugars.

QΩ

13. (Amended) A microorganism having the ability to produce a precursor of a purine nucleotide, said

microorganism [and] carrying an introduced DNA which

expresses [can induce and express] an enzyme capable of synthesizing the purine nucleotide from said precursor upon induction.

REMARKS

The specification has been amended in order to correct idiomatic deficiencies noted therein. Additionally, the claims and abstract have been amended for better conformity with accepted U.S. practice. No new matter has been added.

Entry hereof is earnestly solicited. Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. correspondence should continue to be directed to our below listed address. Respectfully submitted, Attorney for Applicants Lawrence S. Perry Registration No. 31,865 FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza New York, New York 10112-3801 Facsimile: (212) 218-2200 LSP\pap NY_MAIN 73868 v 1